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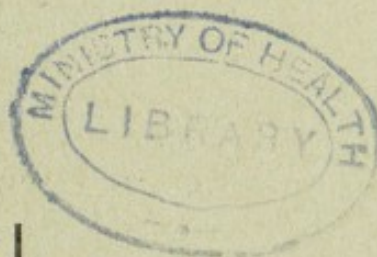
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THE RURAL DISTRICT COUNCIL
OF SEDGEFIELD.

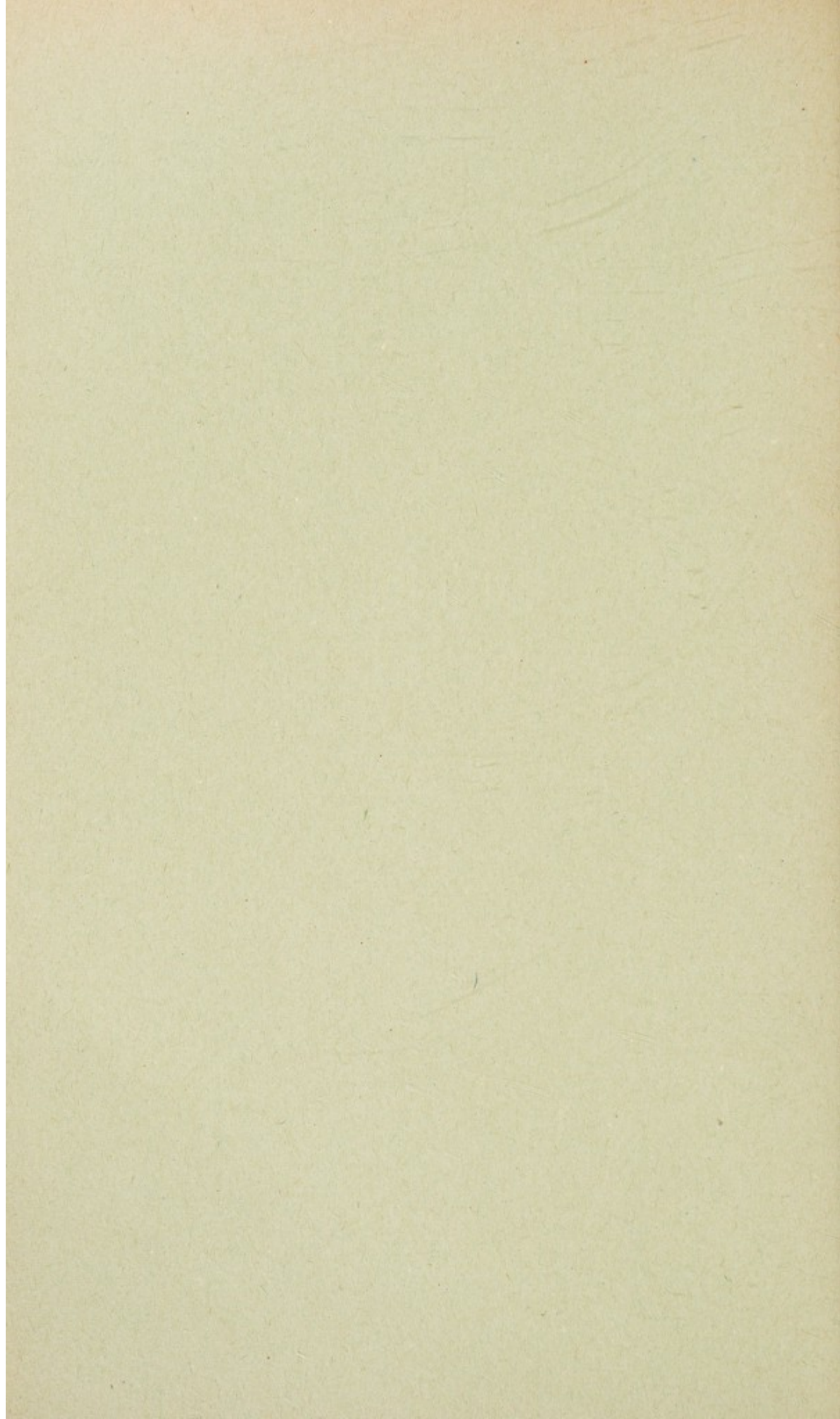


ANNUAL
REPORT

OF THE
MEDICAL OFFICER OF HEALTH
FOR THE
YEAR ENDING
31st DECEMBER, 1953.

FERRYHILL.

Printed by A. Blamire & Son, Electric Printing Works,
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* Members of the No. 11 Area Health Sub-Committee.

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M. W. RODGERS, M.B., B.Ch., D.P.H.

Senior Sanitary Inspector :-

R. CLOUGH, M.R. San. I., M.S.I.A.,
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SEDGEFIELD RURAL DISTRICT COUNCIL.

COUNCIL OFFICES,
SEDGEFIELD,
STOCKTON-ON-TEES.

Mr. Chairman, Ladies and Gentlemen,

I have the honour of presenting to you the 76th Annual Report upon the health and sanitary circumstances of your district for the year ending 31st December, 1953.

The following is a summary of the report.

VITAL STATISTICS

The estimated population has increased slightly from 35,980 in 1952 to 36,210 in 1953.

The comparability factor has been used for the main birth and death rates.

Birth Rate

The number of live births decreased from 614 the previous year to 552 in the year under review. The rate however remained above that of the country generally.

General Death Rate

The number of deaths increased from 376 to 509. Since the 1st January, 1953, deaths occurring in hospitals for the chronic sick are allocated to the district in which the hospitals are situated. There is one large hospital of this nature in your district in which 132 of the 509 deaths occurred. This has caused a marked increase in the death rate and the use of the comparability factor has not compensated for this.

Diseases of heart and arteries accounted for almost 50% of the deaths. These may be subdivided as follows:—

Vascular lesions of the nervous system	9.4% of total deaths.
Coronary disease, angina	9.2% „ „ „
Hypertension with heart disease ...	2.9% „ „ „
Other heart disease	17.5% „ „ „
Other circulatory disease	7.9% „ „ „

Malignant disease accounted for 74 deaths—14.5%.

Pneumonia accounted for 8.8% and bronchitis for 5.9% of total deaths.

Maternal Mortality

There were no maternal deaths.

Infantile Mortality

The number of infant deaths decreased by 3 as compared with the previous year, giving the lowest rate recorded for your district.

50% were due to prematurity. 61% occurred in the first month of life.

INFECTIOUS DISEASES

Notifications decreased from 639 in 1952 to 367 in 1953, due mainly to a lessened incidence of measles and to a lesser extent of scarlet fever.

Details of notifications will be found in the appropriate table. There is nothing which calls for special comment.

SANITARY CIRCUMSTANCES

Information on the quality of water will be found in the appropriate section of the report. During the year a chlorinator was installed at the outlet of the Ferryhill reservoir. This resulted in a marked improvement in bacteriological quality and the notices advising the public to boil water in force since 1952 were withdrawn towards the end of 1953.

Housing

The continuance of the clearing up of undesirable houses at Cornforth, Trimdon and Ferryhill has taken a further step during the year and one can visualise a completion of long outstanding demolition work in the near future. Redevelopment plans at Trimdon and Bishop Middleham have been extended and this method of approach applied to other parts of your area would result in much needed improvement. Nineteen applications for improvement grants were also approved during 1953.

May I acknowledge the courtesy extended to me by the Council and the help given me by the Clerk of the Council and his staff.

I wish to express my thanks to the Sanitary Inspectors and other members of the Health Department for assistance in preparing this report and for their help and co-operation during the year.

I have the honour to be,

Mr. Chairman, Ladies and Gentlemen,

Your obedient servant,

M. W. RODGERS,

Medical Officer of Health.

GENERAL STATISTICS

Area 39,005 acres.

Population, 36,210.

No. of inhabited houses 10,171.

Rateable Value £136,468.

Sum represented by a penny rate £501 2s. 0d.

Main Industries and Employment.

Your district is covered by Employment Exchanges situated at Spennymoor, Sedgfield, and Wingate.

Spennymoor.

Coal Mining.

This is the Chief industry in the area and is represented by the collieries at Dean and Chapter, Mainsforth, Chilton and Thrislington. All collieries are fully manned and there is no unemployment amongst fully qualified miners in the area.

Coke and By-products.

The By-products plant at Thrislington is closing down and all activity is to be transferred to a new plant at Fishburn in the immediate future. No unemployment will result from the change-over except perhaps in the case of a very few elderly workers over the age of 65.

Limestone Quarrying

Two establishments, at West Cornforth and Ferryhill Station, are working to capacity.

General Engineering.

The North of England Engineering Company at Ferryhill is fully employed.

Dress Manufacture,

The Ferryhill Manufacturing Company, makers chiefly of women's clothing, is fully manned and working full time.

Agriculture.

This industry is represented by a number of comparatively small farms. Whilst there is no evidence of a real shortage of labour, there would be considerable difficulty in obtaining the services of qualified farm workers should they be required.

Unemployment.

Generally speaking, the employment situation is so good that men who are physically fit can be found employment without much difficulty. The majority of the persons registered as unemployed are elderly workers and those suffering from physical disabilities, and even within these categories the prospects of employment are reasonable.

In the case of women, the younger persons suitable for factory work can usually be found employment but the older women, particularly those with domestic responsibilities, are difficult to place.

The present live register for the whole of the Exchange area is approximately 180 men and 30 women.

Sedgefield.

The main industries carried on in this area are coalmining, agriculture, medical services.

During the past year the level of employment and the number of unemployed have remained at a fairly constant position. At the last count on the 12th April, 1954, the unemployed register at this office included 10 men and 13 women, the majority of the men are in higher age group and half of the women are married.

It is not expected that there will be any material change in the employment situation in the Sedgefield Local Office area in the next twelve months.

Wingate.

The chief industries in the part of the Sedgefield Rural District covered by Wingate Employment Exchange are coalmining, coke ovens and by-products, public transport services and agriculture.

Twenty three men and sixteen women in the area are registered as unemployed.

VITAL STATISTICS.

Births—Live births.	<i>Male.</i>	<i>Female.</i>	<i>Total.</i>
Legitimate	306	233	539
Illegitimate	7	6	13

313 239 552

Live Birth rate per 1,000 of the estimated population 16·01.

Still births.	<i>Male.</i>	<i>Female.</i>	<i>Total.</i>
Legitimate	10	9	19
Illegitimate	1	—	1

11 9 20

Still births per 1,000 of the population 0·58.

Total births (live and still)	<i>Male.</i>	<i>Female.</i>	<i>Total.</i>
	324	248	572

Total birth rate per 1,000 of the population 16·59

Still birth rate per 1,000 total births (live and still) 34·96.

Infantile Mortality.

Deaths of infants under 1 year :	<i>Male.</i>	<i>Female.</i>	<i>Total.</i>
Legitimate	11	6	17
Illegitimate	1	—	1

Infantile Mortality Rate.

12 6 18

Death rate of all infants under 1 year per 1,000 Live births: 32·6.

Death rate of legitimate infants under 1 year per 1,000 Legitimate Live births: 31·54.

Death rate of illegitimate infants under 1 year per 1,000 illegitimate live births 76·9.

Analysis of Causes of death in two age-groups, under one month (Neo-natal deaths), and one month to one year.

<i>Neo-natal Deaths.</i>				<i>Age group one month to one year.</i>			
	<i>Male</i>	<i>Female</i>	<i>Total</i>		<i>Male</i>	<i>Female</i>	<i>Total</i>
1st week	4	5	9	1st month	-	1	1
2nd „	2	-	2	2nd „	1	-	1
3rd „	-	-	-	3rd „	2	-	2
4th „	-	-	-	4th „	1	-	1
				5th „	-	-	-
Total	6	5	11	6th „	1	-	1
				7th „	-	-	-
				8th „	1	-	1
				9th „	-	-	-
				10th „	-	-	-
				11th „	-	-	-
					6	1	7

Causes: Neo-Natal.

	<i>Male</i>	<i>Female</i>
Prematurity	4	5
Pneumonia	1	—
Septicaemia	1	—
	6	5

Causes: 1 month--1 year,

	<i>Male</i>	<i>Female</i>
Gastro-enteritis	2	—
Pneumonia	3	—
Influenza	—	1
Accident	1	—
	6	1

Deaths.	Total.	Male.	Female.
	509	266	243

Death rate per 1,000 of estimated population : 16.02

Maternal Deaths. NIL.

Causes of Death.	Males.	Females.
Tuberculosis, respiratory ...	5	4
" non-respiratory ...	-	2
Syphilitic disease ...	-	-
Diphtheria ...	-	-
Whooping Cough ...	-	-
Meningococcal infection ...	1	-
Acute poliomyelitis ...	-	-
Measles ...	-	-
Other infective and parasitic diseases	2	-
Malignant neoplasm, stomach ...	13	4
" " lungs, bronchus	5	-
" " breast ...	-	13
" " uterus ...	-	1
Other malignant and lymphatic neoplasms	19	19
Leukaemia, aleukaemia ...	-	1
Diabetes ...	4	2
Vascular lesions of nervous system ...	23	25
Coronary disease angina ...	26	21
Hypertension with heart disease ...	7	8
Other heart disease ...	45	44
Other circulatory disease ...	23	17
Influenza ...	2	2
Pneumonia ...	23	22
Bronchitis ...	15	15
Other diseases of respiratory system	4	-
Ulcer stomach and duodenum ...	1	2
Gastritis, enteritis and diarrhoea ...	3	3
Nephritis and nephrosis ...	3	4
Hyperplasia of prostate... ..	4	-
Pregnancy, childbirth, abortion ...	-	-
Congenital malformation, ...	2	1
Other defined and illdefined diseases	24	27
Motor Vehicle accidents ...	3	2
All other accidents ...	7	4
Suicide ...	2	-
Homicide and operations of war ...	-	-
ALL CAUSES ...	266	243

Age Groups of Deaths.

Age Groups	...	Und. 1	1-5	6-10	11-20	21-30	31-40	41-50	51-60	61-70	71-80	81-90	Over 90
Females	...	6	2	1	1	2	10	16	27	63	73	41	1
Males	...	12	2	2	2	5	9	19	35	59	84	35	2
Totals	...	18	4	3	3	7	19	35	62	122	157	76	3

Malignant Neoplasms.

Localisation.	Ages in years.												Totals.	
	1-25		26-45		46-55		56-65		66-75		76 & over			
	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Stomach	-	-	1	-	2	-	1	-	7	1	2	3	13	4
Lungs	-	-	-	-	1	-	1	-	3	-	-	-	5	-
Breast ...	-	-	-	2	-	-	-	4	-	6	-	1	-	13
Uterus ...	-	-	-	-	-	-	-	-	1	-	-	-	-	1
Ovary	-	-	-	-	-	2	-	2	-	-	-	-	-	4
Bowels ...	-	-	-	-	-	1	-	-	-	2	1	2	1	5
Rectum	-	-	-	-	-	-	-	-	2	-	1	-	3	-
Bladder	-	-	-	-	1	-	-	-	1	-	-	1	2	1
Kidney	-	-	-	-	-	-	-	1	1	-	-	-	1	1
Pancreas	-	-	-	-	-	1	1	2	-	-	-	1	1	4
Prostate	-	-	-	-	-	-	-	-	-	-	2	-	2	-
Other sites	-	-	1	-	1	-	1	-	3	2	3	2	9	4
	-	-	2	2	5	4	4	9	17	12	9	10	37	37

Table of Birth and Death rates for the past 20 years (1934-1953) as compared with Rates for England and Wales.

Year.	General Death Rate.		Infantile Mortality Rate.		* Total Birth Rate.	
	Sedgefield	England and Wales	Sedgefield	England and Wales	Sedgefield	England and Wales
1934	11.3	11.8	88.8	59	15.5	15.42
1935	11.7	12.1	70	57	18.55	15.32
1936	10.9	12.1	77	59	18.4	15.41
1937	12.2	12.4	74	58	18.15	15.50
1938	11.41	11.6	73	53	17.84	15.70
1939	11.33	12.1	65	50	17.38	15.59
1940	13.83	14.3	50.81	55	17.74	15.15
1941	10.78	12.9	73	59	17.80	15.70
1942	9.71	11.6	71.80	49	19.44	16.34
1943	10.53	12.1	65.30	49	18.45	17.01
1944	10.73	11.6	48.74	46	21.61	18.11
1945	9.96	11.4	58.29	46	20.56	16.56
1946	10.65	11.5	45.80	43	20.59	19.63
1947	10.33	12.0	37.70	41	20.54	21.00
1948	10.25	10.8	47.69	34	18.20	18.32
1949	10.68	11.7	63.04	32	17.41	17.09
1950	11.26	11.6	33.51	29.8	16.91	16.17
1951	12.28	12.5	35.27	29.6	17.31	15.86
1952	11.03	11.3	34.2	27.6	18.48	15.3
1953	16.02	11.4	32.6	26.8	16.59	15.85

Birth Rates, Death Rates, Analysis of Mortality, Maternal Mortality and Case Rates for Certain Infectious Diseases in the year 1953.

						England and Wales	Sedgefield Rural District
						(Rates per 1,000 population)	
Births :—							
Live	...	...	...	...	...	15.5	16.01
Still	...	...	...	...	...	0.35	0.58
(a)						22.4	34.96
Deaths :—							
All causes	...	...	...	...	...	11.4	16.02
Typhoid and Paratyphoid	...	...	...	...	...	0.00	—
Whooping Cough	...	...	...	...	...	0.01	—
Diphtheria	...	...	...	...	...	0.00	—
Tuberculosis	...	...	...	...	...	0.20	0.30
Influenza	...	...	...	...	...	0.16	0.11
Acute Poliomyelitis including Polioencephalitis	...	...	...	...	...	0.01	—
Pneumonia	...	...	...	...	...	0.55	1.24
Notifications:— (corrected)							
Typhoid Fever	...	...	...	...	...	0.00	—
Paratyphoid	...	...	...	...	...	0.01	—
Meningococcal infection	...	...	...	...	...	0.03	0.08
Scarlet Fever	...	...	...	...	...	1.39	2.13
Whooping Cough	...	...	...	...	...	3.58	1.11
Diphtheria	...	...	...	...	...	0.01	0.03
Erysipelas	...	...	...	...	...	0.14	0.22
Smallpox	...	...	...	...	...	0.00	—
Measles	...	...	...	...	...	12.36	5.11
Pneumonia	...	...	...	...	...	0.84	0.72
Acute Poliomyelitis including Polioencephalitis: Paralytic	...	...	...	...	...	0.07	0.06
Non-paralytic	...	...	...	...	...	0.04	—
Food poisoning	...	...	...	...	...	0.24	—
Puerperal Pyrexia	...	...	...	...	(a)	18.23	17.48
						(Rates per 1,000 Live Births)	
Deaths.							
All causes under one year of age	...	...	...	...	...	26.8	32.61
Enteritis and Diarrhoea under two years of age	...	...	...	...	...	1.1	3.62
						(Rates per 1,000 Total Births) (i.e. Live and Still)	
Maternal Mortality :—							
Sepsis of pregnancy, childbirth and the puerperium	...	...	...	...	...	0.10	—
Abortion with toxæmia	...	...	...	...	...	0.01	—
Other toxæmias of pregnancy and puerperium	...	...	...	...	...	0.24	—
Haemorrhage of pregnancy and childbirth	...	...	...	...	...	0.13	—
Abortion without mention of sepsis or toxæmia.	...	...	...	...	...	0.04	—
Abortion with Sepsis	...	...	...	...	...	0.06	—
Other complications of pregnancy childbirth and the puerperium	...	...	...	...	...	0.18	—

(a) per 1,000 total (live and still) births.

NOTIFIABLE DISEASE.

Table of cases as notified in the whole district set out in age groups.

Disease.	At all ages	Under 1	1-2	3-4	5-9	10-14	15-24	25-44	45-64	65 and over	Hos- pital cases	Home cases
Scarlet Fever ...	79	—	6	8	41	17	5	1	1	—	65	14
Meningococcal Infection ...	4	1	1	—	1	1	—	—	—	—	4	—
Puerperal Pyrexia ...	10	—	—	—	—	—	3	7	—	—	10	—
Erysipelas ...	8	—	—	—	—	—	1	2	4	1	2	6
Pneumonia ...	25	—	—	—	—	2	—	2	14	7	15	10
Dysentery ...	4	—	—	—	1	1	—	—	2	—	4	—
Food Poisoning ...	2	—	—	—	—	—	—	—	1	1	1	1
Diphtheria ...	5	—	—	—	1	—	2	2	—	—	5	—
Ophthalmia Neonatorum ...	1	1	—	—	—	—	—	—	—	—	—	1
Poliomyelitis Paralytic ...	2	—	1	—	1	—	—	—	—	—	1	1
Non-Paralytic ...	1	—	—	—	—	—	1	—	—	—	1	—
Malaria ...	1	—	—	—	—	—	1	—	—	—	1	—
Measles ...	185	6	33	47	82	11	1	1	—	—	—	185
Whooping Cough ...	40	3	15	14	7	1	—	—	—	—	2	38
TOTALS ...	367	11	56	69	134	33	18	15	22	9	111	256

There were 367 cases notified as against 639 in the previous year.

NOTIFIABLE DISEASE.

Table of cases after correction in the whole district set out in age groups.

Disease.	At all ages	Under 1	1-2	3-4	5-9	10-14	15-24	25-44	45-64	65 and over	Hospital.	Home.
Scarlet Fever ...	77	—	6	8	41	17	4	1	—	—	63	14
Meningococcal Infection ...	3	1	1	—	—	1	—	—	—	—	3	—
Puerperal Pyrexia ...	10	—	—	—	—	—	3	7	—	—	10	—
Erysipelas ...	8	—	—	—	—	—	1	2	4	1	2	6
Pneumonia ...	26	—	—	—	1	2	—	2	14	7	16	10
Dysentery ...	3	—	—	—	1	1	—	—	1	—	3	—
Diphtheria ...	1	—	—	—	—	—	1	—	—	—	1	—
Malaria ...	1	—	—	—	—	—	1	—	—	—	1	—
Ophthalmia Neonatorum ...	1	1	—	—	—	—	—	—	—	—	—	1
Poliomyelitis Paralytic ...	2	—	1	—	1	—	—	—	—	—	1	1
Measles ...	185	6	33	47	82	11	5	1	—	—	—	185
Whooping Cough ...	40	3	15	14	7	1	—	—	—	—	2	38
TOTALS ...	357	11	46	69	133	33	15	13	19	8	102	255

Table of Confirmed Cases of Infectious Disease by Parishes.

Parish.	Scarlet Fever.	Menin- gitis.	Puerperal Pyrexia.	Pneum- onia.	Erysipelas.	Dysentery.	Ophthal- mia Neon- atorum.	Paralytic Poliomy- elitis.	Malaria.	Diphtheria.	Measles.	Whooping Cough.	TOTAL
Bishop Middleham	1	—	—	—	1	—	—	—	—	—	—	2	4
Bradbury	—	—	—	—	—	—	—	—	—	—	5	—	5
Chilton Buildings	9	1	—	—	—	—	—	—	—	—	11	—	21
Chilton Lane	12	—	—	—	—	—	—	—	—	—	1	—	13
Cornforth	12	1	—	1	3	—	1	—	—	—	46	4	68
East Howle	7	—	—	—	—	—	—	—	—	—	5	—	12
Elstob	1	—	—	—	—	—	—	—	—	—	4	—	5
Embleton	—	—	—	—	—	—	—	—	—	—	—	3	3
Ferryhill	21	—	1	9	2	1	—	1	—	1	91	9	136
Fishburn	5	—	—	—	—	—	—	—	—	—	—	6	11
Mainsforth	—	—	—	—	—	—	—	—	—	—	—	1	1
Mordon	—	—	—	—	—	—	—	—	—	—	4	—	4
Sedgefield	4	1	9	15	2	2	—	1	—	—	1	2	37
Stillington	—	—	—	1	—	—	—	—	—	—	7	—	8
Trimdon	4	—	—	—	—	—	—	—	1	—	9	13	27
Windlestone	—	—	—	—	—	—	—	—	—	—	1	—	1
Woodham	1	—	—	—	—	—	—	—	—	—	—	—	1
TOTALS	77	3	10	26	8	3	1	2	1	1	185	40	357

**Cases of Infectious Diseases admitted to Isolation Hospitals
during 1953.**

Disease			Suspected.	Confirmed.
Scarlet Fever	...	...	65	63
Diphtheria	...	...	5	1
Dysentery	...	...	4	3
Puerperal Pyrexia	...	...	10	10
Erysipelas	...	...	2	2
Food Poisoning	...	...	1	—
Poliomyelitis, Paralytic	...	...	1	1
Non-Paralytic	...	...	1	—
Cerebro-Spinal Meningitis	...	...	4	3
Pneumonia	...	...	15	16
Whooping Cough	...	...	2	2
Malaria	...	...	1	1
TOTALS			111	102

BACTERIOLOGICAL REPORT.

Faeces.

No. of specimens.	Enteric.	Dysentery.	Food Poisoning.	
	Positive.	Positive.	Salmonella Positive.	Staph. Aureus. Positive.
41	Nil.	Nil.	4	3

Throat Swabs.

No. of specimens.	Diphtheria	Haemolytic Strep.	Strep.	Staph.
	Positive.	Positive.	Viridans. Positive.	Aureus. Positive.
14	Nil.	9	1	1

Sputum.

No. of specimens.	Tubercle. Positive.
60	10

Blood.

No. of specimens.	Widal. Positive.
1	Nil.

Nasal Swabs.

No. of specimens.	Pneumococci Positive.	Diphtheria Positive.
1	1	Nil.

TUBERCULOSIS.

New cases and Mortality during 1953.

Age Periods	New Cases.				Deaths.			
	Respiratory		Non-Respiratory		Respiratory		Non-Respiratory	
	Male	Female	Male	Female	Male	Female	Male	Female
Under 1 year ...	—	—	—	—	—	—	—	—
1—5 ...	—	1	—	—	—	—	—	—
6—10 ...	1	1	1	1	—	—	—	—
11—15 ...	—	1	—	—	—	—	—	—
16—20 ...	1	2	—	—	—	—	—	—
21—25 ...	—	1	—	—	1	—	—	—
26—35 ...	1	2	—	1	1	1	—	—
36—45 ...	4	—	—	—	—	—	—	1
46—55 ...	4	1	1	—	—	—	—	—
56—65 ...	4	—	—	—	2	—	—	—
66 and over ...	1	—	—	—	1	3	—	1
Age unknown ...	1	1	—	—	—	—	—	—
<div> <div> 17 10 </div> <div> 2 2 </div> <div> 5 4 </div> <div> — 2 </div> </div> <div> <div>27</div> <div>4</div> <div>9</div> <div>2</div> </div> <div> 31 11 </div>								

Of the above new cases 8 respiratory and 1 non-respiratory case were notified from the Winterton Hospital. The total number of new cases of the pulmonary form of the disease was 1 lower in the year under review than in 1952. Notifications of the non-pulmonary form were 5 less than in 1952.

Deaths from respiratory tuberculosis rose by 2 during 1953 but deaths from the non-respiratory form fell by 1.

Tuberculosis Mortality Rate	(Respiratory) 1953	0.249
Do.	(Respiratory) 1952	0.205
Do.	(Non-respiratory) 1953	0.055
Do.	(Non-respiratory) 1952	0.087

No. of cases on register at 31st December, 1953.

Pulmonary			Non-Pulmonary			Total cases
Male	Female	Total	Male	Female	Total	
93	81	174	26	23	49	223

COMPARATIVE TABLE OF TUBERCULOSIS STATISTICS FOR RECENT YEARS.

Year.	NEW CASES.						DEATHS.						NO. ON REGISTER AT END OF YEAR.					
	Pulmonary			Non-Pulmonary			Pulmonary			Non-Pulmonary			Pulmonary			Non-Pulmonary		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
1944	17	19	36	5	8	13	2	7	9	4	5	9	83	102	185	83	91	174
1945	24	21	45	15	10	25	5	3	8	—	3	3	101	116	217	98	100	198
1946	20	16	36	5	5	10	8	7	15	6	1	7	108	117	225	90	90	180
1947	14	18	32	7	4	11	8	6	14	1	—	1	116	125	241	96	89	185
1948	16	25	41	6	4	10	4	9	13	1	2	3	123	136	259	97	90	187
1949	26	23	49	5	6	11	5	4	9	3	2	5	137	151	288	101	95	196
1950	54	23	77	3	3	6	7	3	10	1	—	1	182	164	346	104	94	198
1951	29	8	37	4	4	8	4	3	7	1	1	2	201	165	366	103	95	198
1952	12	16	28	3	6	9	5	2	7	1	2	3	85	78	163	24	21	45
1953	17	10	27	2	2	4	5	4	9	—	2	2	93	81	174	26	23	49

DIPHTHERIA IMMUNISATION

Number of persons immunised for which records were received during the year ended 31st December, 1953.

<i>Number of children who completed a full course of primary immunisation.</i>	<i>Total number of children who were given a re-inforcing injection.</i>
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<i>Under 1.</i>	<i>1</i>	<i>2</i>	<i>3</i>	<i>4</i>	<i>5-9</i>	<i>10-14</i>	<i>Total.</i>	
219	62	10	2	2	11	245	551	49

National Assistance Act, 1948. Section 47.

No action was taken under this Section.

Health Services administered in your area by the Local Health Authority.

Residential Hostel Accommodation.

The County Council provide hostel accommodation for aged, infirm and handicapped persons, but at present it is limited. Application for assistance should be made to the County Medical Officer, Shire Hall, Durham. Tel. No.: Durham 980, Extension 133.

Home Nursing.

A Home Nursing Service is provided by the County Council, and any requests for a district nurse should be made to the nurses in the area or to the County Medical Officer of Health, Shire Hall, Durham. Telephone No.: Durham 980. Extension 51.

Vaccination and Immunisation.

(a). Vaccination against smallpox may be obtained free of charge on application to any medical practitioner who has agreed to give service within the National Health Scheme.

(b). Immunisation against diphtheria may be carried out on application to maternity and child welfare centres or to any general practitioner operating under the National Health Service Act, free of charge.

Domiciliary Midwifery Service.

Names and addresses of the midwives available can be obtained from the child welfare centres or medical practitioners.

Domestic Help.

Domestic helps are provided by the County Council where necessary in cases of sickness, childbirth, infirmity, or other household emergencies. A charge for the service is made in accordance with income scales. Application should be made through the district health visitors or the County Medical Officer of Health, Shire Hall, Durham. Tel. No.: Durham 1616.

Health Visitors.

This service is maintained by the County Council, and the health visitor is the connecting link between the home and health activities of the County Council. Details of the health visitors available in the area may be obtained from the County Medical Officer, Shire Hall, Durham. Tel. No.: Durham 980. Ext.: 305.

Ambulance Service.

Ambulance transport may be obtained on application to the nearest control, Telephone—Durham 587. Except in cases of emergency application should be made by medical practitioners, hospitals, midwives or dentists. Ambulances can be booked in advance on the production of a certificate from a medical practitioner certifying the need for transport.

Prevention of Illness, Care and After Care.

Facilities are available for the assistance of sick persons in any manner which may be necessary, *e.g.*, the provision of extra nourishment, sick room requisites, invalid chairs, etc. Advice may be obtained on application to the County Medical Officer, Health Department, Shire Hall, Durham. Tel. No: Durham 980, Extension 35. A charge may be made for this service under certain circumstances according to income scale.

Mental Health Service.

A comprehensive scheme is provided by the County Council. Details and assistance can be obtained on application to the County Medical Officer, Shire Hall, Durham. Tel. No.: Durham 980, Extension 237, or to the Duly Authorised Officer. Tel.: Stockton 66911.

Care of Mothers and Young Children.

The County Council maintain maternity and child welfare centres at which ante-natal and post-natal clinics are also held, as shown in the following table. Advice can also be obtained on application to the County Medical Officer, Shire Hall, Durham. Tel. No.: Durham 980. Ext.: 301.

<i>Address of Centre.</i>	<i>Sessions.</i>
CHILTON. Red Cross Station.	Ante-natal Clinic— Alternate Wednesday mornings. Child Welfare— Alternate Wednesday Afternoons.

COXHOE. Social & Literary Institute and Village Hall. Telephone—344.	Ante-natal clinic— Tuesday mornings weekly Alternate Tuesday afternoons. Child Welfare— Alternate Thursdays. Birth control & Post Natal Clinics—Alternate Tuesday afternoons. Ultra Violet Ray Clinics— Tuesday afternoons weekly Friday afternoons weekly.
FERRYHILL. Dean Road.	Ante-natal clinic— Fridays weekly. Child Welfare— Tuesdays Weekly. Ultra Violet Ray Clinics— Monday afternoons weekly Thursday afternoons weekly
FISHBURN. Miners' Welfare Hall.	Ante-natal clinic— Alternate Monday mornings. Child Welfare—Alternate Monday afternoons.
SEDFIELD. County Surveyor's Office. Telephone—244.	Ante-natal clinic & Child Welfare— Alternate Tuesdays.
TRIMDON. Back Peel Avenue, Trimdon Grange.	Ante-natal clinic— Alternate Thursdays. Child Welfare— Alternate Thursdays.

Maternity Homes and Hospitals.

These are controlled by the Regional Hospital Board, but applications for admission should be made to the medical officers at the maternity and child welfare centres shown on the previous table.

Accommodation for unmarried mothers is available at maternity homes provided by the Regional Hospital Board, and the Durham Diocesan Moral Welfare Association also maintain homes for unmarried mothers and their babies. Application for admission should be made to the medical officers at the child welfare centres.

Homeless children can be admitted to residential nurseries or cottage homes administered by the County Council of Durham.

Convalescent Home.

The E.F. Peile County Convalescent Home, Shotley Bridge (Tel.: Shotley Bridge 27) is controlled by the County Council of Durham, and admits nursing mothers with their babies and children under five years of age. Applications for admission should be made at the child welfare centres.

Services administered in your area by the Regional Hospital Board.

Tuberculosis Services.

There are no chest clinics in the Sedgefield Rural District, but residents of the area are served by clinics at Brierton Lane, West Hartlepool; Bowesfield Lane, Stockton; Hundens Lane, Darlington; and Etherley Lane, Bishop Auckland. The Bishop Auckland and Darlington clinics receive patients by appointment only, but patients from the Fishburn and Sedgefield area may attend Stockton clinic without appointment at any of the following sessions:

Wednesdays	9-0 a.m. - 11-30 a.m.
Thursdays	9-30 a.m. - 11-30 a.m.
Thursdays	2-0 p.m. - 4-0 p.m.
Fridays	2-0 p.m. - 4-0 p.m.

Appointments are not necessary for the West Hartlepool clinic and patients from the Trimdon area may attend at either of the following days and times:-

Mondays	10-0 a.m. and 2-0 p.m.
Wednesdays	2-0 p.m. (Children only).

Forty beds are provided at the Sedgefield Isolation Hospital for tuberculosis and these are equally divided between male and female cases received from the Stockton and West Hartlepool chest clinics.

Treatment of Venereal Diseases.

There are no venereal disease clinics in the Sedgefield area but consultations may be obtained as shown below:-

Stockton and Thornaby Hospital.

Tuesdays	2-0 p.m. - 4-0 p.m.	Females.
"	5-0 p.m. - 7-0 p.m.	Males.
Fridays	2-0 p.m. - 4-0 p.m.	Females.
"	5-0 p.m. - 7-0 p.m.	Males.
Saturdays	9-0 a.m. - 10-0 a.m.	Males.

General Hospital, West Hartlepool.

Mondays	2-0 p.m. - 4-0 p.m.	Females.
Thursday	5-0 p.m. - 7-0 p.m.	Males.

Durham County Hospital.

Mondays	2-0 p.m.	Females.
Mondays	4-30 p.m.	Males.
Thursdays	10-30 a.m.	Males, (by arrangement only)
Thursdays	2-0 p.m.	Females.
Thursdays	4-30 p.m.	Males.

Hundens Hospital, Darlington.

Tuesdays	10.0 a.m. - 12.0 noon.	Males.
Wednesdays	2.0 p.m. - 4.0 p.m.	Females.
Fridays	2.0 p.m. - 4.0 p.m.	Females.
Fridays	5.0 p.m. - 7.0 p.m.	Males.

Hospitalization of infectious disease cases.

A modern cubicle block with a bed complement of eight has just been opened at the Sedgefield Isolation Hospital for the reception and treatment of infectious disease cases.

General and Maternity Accomodation.

- (a) Full consultant service is provided at Sedgefield General Hospital, the Sedgefield Isolation Hospital and Hardwick Hall Maternity Home for aural, obstetrical and gynaecological, infectious diseases, medical orthopaedic and surgical cases. The bed complement at these hospitals is 364, 48 and 35 respectively.

Clinical sessions are held as under at the Sedgefield General Hospital :-

Ear, Nose and Throat.	Wednesday 2 p.m. (By appointment)
Gynaecological.	Tuesday 2 p.m. (By appointment)
Medical	Monday, Wednesday and Friday at 9.30 a.m. and Thursday at 2 p.m. (By appointment)
Orthopaedic.	Monday, Tuesday, Thursday and Friday at 9.30 a.m. (By appointment)
Surgical.	Monday and Friday at 2 p.m. Tuesday and Wednesday at 9.30 a.m. (By appointment)

- (b) There are no Sanatoria in the Sedgefield area.

SANITARY CIRCUMSTANCES OF THE AREA.**Housing.**

During the year 293 new Council houses and 13 new private houses were completed and occupied. In addition alterations were carried out to the rectory at Sedgefield with the result that two further houses were made available. The new houses are all of the traditional brick type and the situation of the Council houses is as follows :—

<i>Parish.</i>	<i>No. of Houses.</i>
Bishop Middleham	8
West Cornforth	88
Ferryhill	44
Fishburn	27
Trimdon Village	117
Trimdon Colliery	9

26 of the houses built at Fishburn and 76 of those at Trimdon Village were let to miners from Fishburn Colliery, thus enabling them to live much nearer their work.

At the end of 1953 only 18 houses were needed to complete the 200 previously allocated to miners travelling to Fishburn. These will be built on the Trimdon Central Site.

The second phase of the redevelopment at Bishop Middleham has been carried out by the erection of eight houses and the redevelopment plan as a whole is progressing favourably.

In Trimdon Colliery, Tank, Chapel, Pringle and Single Streets—two pre-war Clearance Areas—were vacated by rehousing the tenants at Trimdon Village and the demolition of the old houses was completed. Under the Trimdon Colliery Redevelopment Plan, 9 new houses were erected on this site and plans for the erection of a further 17 are in hand.

By agreement with the Planning Department of the Durham County Council, the original redevelopment plan was extended and it is now proposed to include the area known as The Square and the land behind Commercial Street. It is hoped that this will provide accommodation for most of the remaining occupants of the houses in pre-war clearance areas.

In the Trimdons 8 houses were vacated and demolished outside of the redevelopment area and 19 within that area. In addition 12 houses were vacated and closed as a result of either statutory action or voluntary agreement with the owners. Two back to back houses were converted into through houses.

One demolition order and one closing order were made by the Council on houses situated at Bishop Middleham.

In the north-western part of your district notices were issued requiring the demolition of 33 houses, 22 of these being at West Cornforth and 11 at Ferryhill. A further 8 houses have been closed by arrangement with the owners, 4 of these without the Council providing alternative accommodation. Orders are operative on the whole of the north side of Moor Street, West Cornforth and demolitions are proceeding. Two houses on the south side are vacant. All the houses on the west side of Balaclava Street are demolished and 2 houses vacant on the east side. The demolition of a further 16 houses will enable the Market Square redevelopment to be completed.

A block of 12 houses at Metal Bridge is also in a partly demolished condition. Agreement has been reached for the conversion of 4 back to back houses to 2 through houses at New Road Terrace, West Cornforth and this work is also proceeding.

Drainage and Sewage Disposal.

All townships in your district are drained and sewered and purification is carried out at sewage disposal works situated at convenient points. The usual arrangements are that the solid matter is settled in detritus and precipitation tanks and the liquid purified by a filter bed, humus tanks and land irrigation.

Owing to the rapid expansion of Trimdon Village, the sewage works are seriously overloaded and a scheme for improvements and extensions was produced. This was submitted to the Minister of Housing and Local Government and an enquiry was held, the outcome of which was not to hand by the end of the year.

Sanitary Conversions.

During 1953, 14 ash-closets, etc., were converted to the water carriage system.

The following table shows the total number of closets in the district at 31st December, 1953.

	<i>Water Closets.</i>	<i>Ash-closets & Privies.</i>
Ferryhill ...	3736	14
Chilton ...	1850	17
Trimdon ...	1582	68
Cornforth ...	1578	31
Bishop Middleham	412	19
Sedgefield (incl. Hospitals)	1266	50
Fishburn ...	772	28
Mainsforth ...	79	12
Remainder of district including Aycliffe school	283	219
	<hr/> 11558	<hr/> 458

In 1930 the number of ash-closets and privies in the area was 5,771, now the number has been reduced to 458. Of these remaining privies and ashclosets the majority are attached to houses that have been condemned, and to outlying farms.

Public Cleansing.

Refuse collection is carried out by direct labour in every part of your district except for some of the more outlying farms and cottages. For this purpose a Karrier fleet of 8 specially designed vehicles manned by a staff of 27 men is employed.

Disposal is by controlled tipping which normally takes place in six disused quarries in the district. One of these, which was shared with the National Coal Board, was proving unsatisfactory towards the end of 1953 so an alternative site was surveyed and negotiations for the lease of the land were commenced. During the summer of 1953 almost all the vehicles were directed to the site at Bishop Middleham to complete the land recovery which had been commenced in 1952.

The collection of salvage ceased during the early part of the year and the collection of trade refuse was instituted at a charge of 6d. per bin.

The cleansing of streets is carried out in conjunction with the Durham County Council.

**Summary of work done in the Sanitary Inspector's Department
during the year 1953.**

Public Health Acts.	Number of Informal Written Notices by Inspectors.	Number of Formal Notices by Order of Authority.	Number of Nuisances abated after Notice.
Dwelling houses :			
Foul conditions ...	3	—	3
Structural Defects ...	382	—	350
Overcrowding ...	4	—	4
Lodging houses ...	—	—	—
Dairies and Milkshops	3	—	3
Bakehouses ...	2	—	2
Slaughterhouses ...	—	—	—
Ashpits and Privies ...	12	—	9
Deposits of Refuse and Manure ...	12	—	12
Water Closets ...	76	1	77
Defective Yard Paving ...	2	—	2
House Drainage ...	136	—	136
Water Supply ...	3	—	3
Pigsties ...	5	—	5
Animals Improperly kept	—	—	—
Other Nuisances, etc. ...	52	11	41
Totals ...	692	12	647

WATER SUPPLIES.*Rural Water Supplies and Sewerage Act 1945.*

Work under the above scheme proceeded steadily during 1953 and further mains were laid as follows :-

- I. Trimdon Village to Hurworth Burn.
This provided a piped supply for one dwelling and three farms, within this area. Farms in the Easington Rural District also benefited by this pipe line.
- II. Chilton Buildings to Rushford.
Up to the end of the year only the Eden Arms Hotel had been connected to this main.
- III. Beacon Hill to Butterwick via Waterloo Corner and to Ryall Farm with a branch to Pilmore.
During 1953 14 farms and 1 dwelling were provided with a piped water supply by this main.
- IV. Sedgefield to Glower O'Er Him on the road to Thorpe Larches.
Two dwellings were connected to this main by the end of the year.
- V. Sedgefield towards Foxton.
There were no connections made to this main during the year under review.

The undermentioned table shows the number of houses in the various parishes where the water supply is obtained by water mains direct to the houses, or by means of standpipes and also the estimated population served.

Parish	No. of houses with direct pipe supply	Estimated population obtaining water as aforesaid	No. of houses with stand-pipe supply	Estimated population obtaining water from stand-pipe supplies
Bishop Middleham	353	1,187	—	—
Bradbury ...	43	144	8	26
Butterwick ...	9	30	—	—
Chilton ...	1,796	6,036	—	—
Cornforth ...	1,427	4,794	—	—
Elstob ...	11	37	—	—
Embleton ...	2	7	—	—
Ferryhill ...	3,154	10,700	—	—
Fishburn ...	775	2,610	1	3
Foxton and Shotton	1	4	—	—
Mainsforth ...	77	259	—	—
Preston-le-Skerne ...	18	60	—	—
Mordon ...	43	146	—	—
Sedgefield ...	759	2,554	2	6
		(excluding patients in Winterton H.)		
Stillington ...	43	146	—	—
Trimdon ...	1,449	4,875	47	154
Woodham (excluding Aycliffe Approved School ...	34	114	—	—
Windlestone ...	31	104	3	10

The majority of the premises in this district are supplied with water by the Durham County Water Board but the Township of Stillington is served by the Tees Valley Water Board.

Certain parts of the Woodham Parish receive water from a main which runs from Bradbury to Aycliffe but the remainder of the Parish of Woodham and the main part of Windlestone Parish are supplied per meter on a privately owned pipe-line with water supplied by Durham County Water Board. In remote parts of the area wells and springs form the supply.

Complaints and Reports as to Water Supplies in General

As mentioned in my previous report, the bacteriological standard of the water continued to be unsatisfactory and regular sampling was continued. At first there was some improvement due to the cleansing of the Ferryhill Reservoir, but the standard soon deteriorated and the results seemed to show that the chlorination was inadequate. In the light of this it was impossible to remove the notices previously inserted in the Press advising the public to boil water and in fact, it was deemed necessary to remind the public of this, so posters to this effect were distributed throughout the district.

It had been noticed for some time that water entering the local reservoir situated at Ferryhill was satisfactory whereas samples taken of water near the outlet had a bacterial count, giving rise to the suspicion that contamination was occurring in the reservoir itself. The opinion was expressed that a chlorinator at the outlet should improve the quality and at the beginning of September, 1953, a temporary chlorinator was installed and an almost immediate improvement was noted. At first occasional samples were found to be unsatisfactory, possibly due to local pockets of contamination which were not immediately neutralised by the chlorine—but by the end of the year the samples were almost all falling into Class 1. A table showing the results of samples taken during 1953 is given on pages 27 — 35 inclusive.

The Ministry of Health, the County Medical Officer of Health, and the Durham County Water Board were regularly informed of the results of sampling.

As regards quantity, complaints have been frequently received in the Trimdons, Sedgfield and Chilton of intermittancy in the supply. To overcome this the water board have commenced with the construction of an additional storage tank at Trimdon Village and have given consideration to the proposal for an additional trunk main from the Ferryhill reservoir to Ferryhill Station.

No water in the area is known to have plumbo-solvency.

BACTERIOLOGICAL EXAMINATION REPORTS OF WATER SAMPLES FROM PUBLIC HEALTH LABORATORY

27

Date	Place of Sampling	Presumptive Coli. Per 100 ml.	Faecal Coli. Per 100 ml.	Laboratory Remarks
7/1/53	Reservoir—Ferryhill (receiving tank).	Less than 1.	—	Class 1.
7/1/53	Tap—Mainsforth Colliery Baths.	Less than 1.	—	Class 1.
7/1/53	Tap—Council Offices, Sedgefield.	Less than 1.	—	Class 1.
7/1/53	3, Commercial Street, Trimdon Colliery.	Less than 1.	—	Class 1.
7/1/53	Cistern, School Kitchen, Fishburn.	Less than 1.	—	Class 1.
14/1/53	Tap—14, Commercial Street, Trimdon Colliery.	3	Less than 1.	Class 3.
14/1/53	School Kitchen, Fishburn.	Less than 1.	—	Class 1.
14/1/53	Cistern—School Kitchen, Fishburn.	1	Less than 1.	Class 2.
14/1/53	Fishburn School.	3	—	Class 3.
14/1/53	Sedgefield Road, Fishburn.	11	Less than 1.	Class 4.
14/1/53	Council Offices, Sedgefield.	6	Less than 1.	Class 3.
21/1/53	Council Offices, Sedgefield.	Less than 1.	—	Class 1.
21/1/53	Sedgefield Road, Fishburn.	1	—	Class 1.
21/1/53	Cloakroom, Fishburn School.	Less than 1.	—	Class 1.
21/1/53	Fishburn Central Kitchen.	Less than 1.	—	Class 2.
21/1/53	Cistern, School Kitchen, Fishburn.	3	—	Class 1.
21/1/53	Tap—14, Commercial Street, Trimdon Colliery.	Less than 1.	—	Class 3.
9/2/53	Central School Kitchen, Fishburn.	Less than 1.	—	Class 1.
9/2/53	Cookery Room, Fishburn School.	Less than 1.	—	Class 1.
9/2/53	9, Alhambra Terrace, Fishburn.	3	Less than 1.	Class 3.
9/2/53	Council Offices, Sedgefield.	Less than 1.	—	Class 1.
24/2/53	Reservoir, Ferryhill (left tank).	Less than 1.	—	Class 1.
24/2/53	Reservoir, Ferryhill (right tank).	3	Less than 1.	Class 3.
24/2/53	Central Kitchen, Fishburn.	Less than 1.	—	Class 1.
24/2/53	Cookery Room, Fishburn School.	Less than 1.	—	Class 1.

Date	Place of Sampling	Presumptive Coli. per 100 ml.	Faecal Coli. Per 100 ml.	Laboratory Remarks
24/2/53	9, Alhambra Tce., Fishburn.	Less than 1.	—	Class 1.
24/2/53	Cloak Room, Council Offices, Sedgfield.	Less than 1.	—	Class 1.
10/3/53	14, Commercial Street, Trimdon Colliery.	5	Less than 1.	Class 3.
10/3/53	School Kitchen, Fishburn.	3	Less than 1.	Class 3.
10/3/53	9, Alhambra Tce., Fishburn.	3	Less than 1.	Class 3.
10/3/53	Cookery Room, Fishburn.	2	2	Class 2.
10/3/53	Council Offices, Sedgfield.	3	4	Class 3.
21/4/53	Blue House Yard, Ferryhill.	Less than 1.	—	Class 1.
21/4/53	Left tank—Ferryhill reservoir.	Less than 1.	—	Class 1.
21/4/53	Right tank—Ferryhill reservoir.	Less than 1.	—	Class 1.
21/4/53	School kitchen, Fishburn.	Less than 1.	—	Class 1.
21/4/53	Council Offices, Sedgfield.	2	Less than 1.	Class 2.
16/6/53	14, Commercial Street, Trimdon Colliery.	35	1	Class 4.
16/6/53	School Kitchen, Fishburn.	17	1	Class 4.
16/6/53	Cistern, School Kitchen, Fishburn.	25	1	Class 4.
16/6/53	Reservoir, Right Tank, Ferryhill.	Less than 1.	—	Class 1.
16/6/53	Reservoir, Left Tank, Ferryhill.	Less than 1.	—	Class 1.
16/6/53	Blue House Yard, Ferryhill.	Less than 1.	—	Class 1.
16/6/53	Council Offices, Sedgfield.	50	Less than 1.	Class 4.
23/6/53	Council Offices, Sedgfield.	8	Less than 1.	Class 3.
23/6/53	Cistern, School Kitchen, Fishburn.	13	Less than 1.	Class 4.
23/6/53	School Kitchen, Fishburn.	25	1	Class 4.
23/6/53	14, Commercial Street, Trimdon Colliery.	13	1	Class 4.
30/6/53	Council Offices, Sedgfield.	35	13	Class 4.
30/6/53	School Kitchen, Fishburn—Cistern.	3	Less than 1.	Class 3.
30/6/53	Tap—School Kitchen, Fishburn.	13	3	Class 4.
30/6/53	14, Commercial Street, Trimdon Colliery.	13	13	Class 4.

Date	Place of Sampling	Presumptive Coli. Per 100 ml.	Faecal Coli. Per 100 ml.	Laboratory Remarks
14/7/53	Council Offices, Sedgfield.	13	5	Class 4.
14/7/53	3, Front Street, Trimdon Village.	50	17	Class 4.
14/7/53	Reservoir—Right Tank, Ferryhill.	Less than 1.	—	—
14/7/53	Reservoir, Left Tank, Ferryhill.	Less than 1.	—	Class 1.
14/7/53	School Kitchen, Fishburn.	6	2	Class 3.
14/7/53	Reservoir House, Ferryhill.	5	5	Class 3.
14/7/53	3, Commercial Street, Trimdon Colliery.	17	3	Class 4.
21/7/53	Council Offices, Sedgfield.	8	1	Class 4.
21/7/53	Cistern, School Kitchen, Fishburn.	8	1	Class 4.
21/7/53	Tap, School Kitchen, Fishburn.	20	1	Class 4.
21/7/53	3, Front Street, Trimdon Village.	50	6	Class 4.
21/7/53	3, Commercial Street, Trimdon Colliery.	18	Less than 1.	Class 4.
21/7/53	Low Farm, Bradbury.	160	3	This and accompanying samples very unsatisfactory for a chlorinated supply. These and past results suggest either that chlorination is inefficient or that contamination is occurring after chlorination.
21/7/53	No. 4, Shelley Terrace, Chilton.	13	5	Class 4.
21/7/53	No. 21, Commercial Street, Ferryhill Station.	35	Less than 1.	Class 4.
21/7/53	35, Cleves Avenue, Ferryhill.	35	5	Class 4.
21/7/53	Reservoir, Ferryhill.	35	Less than 1.	—
21/7/53	Reservoir (right tank).	17	Less than 1.	—
28/7/53	Council Offices, Sedgfield.	13	0	Class 4.
28/7/53	Low Farm, Bradbury.	5	1	Class 3.
28/7/53	17, Commercial Street, Ferryhill.	0	—	Class 1.

Date	Place of Sampling	Presumptive Coli. Per 100 ml.	Faecal Coli. Per 100 ml.	Laboratory Remarks
28/7/53	3, Front Street, Trimdon Village.	160	13	Class 4. In a chlorinated water supply a result like this is indefensible.
28/7/53	Central Kitchen, Fishburn.	2	1	Class 2.
28/7/53	3, Commercial Street, Trimdon Colliery.	50	25	Class 4. Shocking.
11/8/53	3, Front Street, Trimdon Village.	25	1	Class 4.
11/8/53	3, Commercial Street, Trimdon Colliery.	25	1	Class 4.
11/8/53	Council Offices, Sedgfield.	25	Less than 1.	Class 4.
11/8/53	Reservoir House, Ferryhill.	25	Less than 1.	Class 4.
11/8/53	Right Tank, Ferryhill Reservoir.	25	Less than 1.	Class 4.
11/8/53	Left Tank, Ferryhill Reservoir.	17	Less than 1.	Class 4.
18/8/53	Council Offices, Sedgfield.	Less than 1.	—	Class 1.
18/8/53	3, Front Street, Trimdon Village.	50	5	Class 4.
18/8/53	3, Commercial Street, Trimdon Colliery.	20	5	Class 4.
18/8/53	Reservoir House, Ferryhill.	35	0	Class 4.
18/8/53	Right Tank, Ferryhill Reservoir.	4	1	—
18/8/53	Left Tank, Ferryhill Reservoir.	Less than 1.	—	—
25/8/53	Channel of Reservoir.	1	Less than 1.	—
25/8/53	Reservoir House, Ferryhill.	Less than 1.	—	Class 1.
25/8/53	3, Front Street, Trimdon Village.	160	3	Class 4.
25/8/53	3, Commercial Street, Trimdon Colliery.	90	8	Class 4.
25/8/53	School Kitchen, Fishburn.	Less than 1.	—	Class 1.
25/8/53	Council Offices, Sedgfield.	90	13	Class 4.
1/9/53	Left Tank, Ferryhill Reservoir.	0	—	Satisfactory.
1/9/53	Left Tank, Ferryhill Reservoir.	Less than 1.	—	—
1/9/53	Right Tank, Ferryhill Reservoir.	0	—	Satisfactory.
1/9/53	Right Tank, Ferryhill Reservoir.	Less than 1.	—	—

Date	Place of Sampling	Presumptive Coli. Per 100 ml.	Faecal Coli. Per 100 ml.	Laboratory Remarks
1/9/53	Reservoir House, Ferryhill.	0	—	Satisfactory.
1/9/53	Reservoir House, Ferryhill.	Less than 1.	—	—
1/9/53	3, Front Street, Trimdon Village.	5	3	This water shows slight contamination with coliform organisms, a proportion of which are faecal coli. This is unsatisfactory for a chlorinated water.
1/9/53	3, Front Street, Trimdon Village.	5	5	Class 3.
1/9/53	School Kitchen, Fishburn.	0	—	—
1/9/53	School Kitchen, Fishburn.	Less than 1.	—	Class 1.
1/9/53	Council Offices, Sedgfield.	3	3	This water shows slight contamination with coliform organisms, a proportion of which are faecal coli. This is unsatisfactory for a chlorinated water.
1/9/53	Council Offices, Sedgfield.	17	1	Class 4.
15/9/53	Reservoir House, Ferryhill.	Less than 1.	—	—
15/9/53	Inlet pipe, Ferryhill Reservoir.	Less than 1.	—	—
15/9/53	Tank—Ferryhill Reservoir.	Less than 1.	—	—
15/9/53	3, Commercial Street, Trimdon Colliery.	Less than 1.	—	Class 1.
15/9/53	3, Front Street, Trimdon Village.	3	Less than 1.	Class 3.
15/9/53	School Kitchen, Fishburn.	2	Less than 1.	Class 2.
15/9/53	Council Offices, Sedgfield.	Less than 1.	—	Class 1.
29/9/53	Council Offices, Sedgfield.	0	—	Class 1.
29/9/53	Sedgfield Road, Fishburn.	17	—	Class 4.
29/9/53	School Kitchen, Fishburn.	0	—	Class 1.
29/9/53	3, Front Street, Trimdon Village.	0	—	Class 1.

Date	Place of Sampling	Presumptive Coli. Per 100 ml.	Faecal Coli. Per 100 ml.	Laboratory Remarks
29/9/53	3, Commercial Street, Trimdon Colliery.	5	—	Class 3.
29/9/53	25, Stobb Cross Road, West Cornforth.	50	—	Class 4.
29/9/53	21, Coronation Terrace, West Cornforth.	8	—	Class 3.
29/9/53	Mainsforth Input, Ferryhill Reservoir.	0	—	—
29/9/53	Upland input—Ferryhill Reservoir.	90	—	—
29/9/53	Reservoir House, Ferryhill.	0	—	Class 1.
29/9/53	2, Croft Gardens, Ferryhill Station.	1	—	Class 2.
29/9/53	1, Prospect Terrace, Ferryhill.	35	—	Class 4.
29/9/53	4, Shelley Terrace, Windlestone.	2	—	Class 2.
29/9/53	Low Farm, Bradbury.	0	—	Class 1.
6/10/53	School Kitchen, Fishburn.	0	0	Class 1.
6/10/53	3, Commercial Street, Trimdon Colliery.	3	0	Class 3.
6/10/53	25, Stobb Cross Road, Cornforth.	0	0	Class 1.
6/10/53	Sedgefield Road, Fishburn.	20	0	Class 4.
6/10/53	Reservoir House, Ferryhill.	0	0	Class 1.
6/10/53	Reservoir, Upland Inlet, Ferryhill.	1	1	Class 2.
12/10/53	No. 20, Cleveland Avenue, Fishburn.	8	Less than 1.	Class 3.
12/10/53	9, Sedgefield Terrace, Fishburn.	8	Less than 1.	Class 3.
12/10/53	Aitken's Shop, Front Street, Fishburn.	13	Less than 1.	Class 4.
12/10/53	1, North View, Bishop Middleham.	Less than 1.	0	Class 1.
12/10/53	Council Offices, Sedgefield.	1	Less than 1.	Class 2.
20/10/53	Council Offices, Sedgefield.	Less than 1.	Less than 1.	Class 1.
20/10/53	Sedgefield Road, Fishburn.	Less than 1.	Less than 1.	Class 1.
20/10/53	Aitken's Shop, Fishburn.	Less than 1.	Less than 1.	Class 1.
20/10/53	School Kitchen, Fishburn.	Less than 1.	Less than 1.	Class 1.
20/10/53	3, Skerne Avenue, Trimdon Village.	Less than 1.	Less than 1.	Class 1.
20/10/53	3, Commercial Street, Trimdon Colliery.	Less than 1.	Less than 1.	Class 1.

Date	Place of Sampling	Presumptive Coli. Per 100 ml.	Faecal Coli. Per 100 ml.	Laboratory Remarks
21/10/53	Ivy House, Sedgefield.	Less than 1.	Less than 1.	Class 1.
21/10/53	Low Farm, Bradbury.	Less than 1.	Less than 1.	Class 1.
21/10/53	4, Shelley Terrace, Windlestone.	Less than 1.	Less than 1.	Class 1.
21/10/53	2, Croft Gardens, Ferryhill.	Less than 1.	Less than 1.	Class 1.
21/10/53	1, Parker Terrace, Ferryhill (Blue House Yard).	2	Less than 1.	Class 2.
21/10/53	Reservoir House, Ferryhill.	Less than 1.	Less than 1.	Class 1.
21/10/53	Mainsforth Input, Ferryhill Reservoir.	Less than 1.	Less than 1.	Class 1.
21/10/53	Upland Input, Ferryhill Reservoir.	Less than 1.	Less than 1.	Class 1.
21/10/53	21, Coronation Terrace, West Cornforth.	Less than 1.	Less than 1.	Class 1.
21/10/53	25, Stobb Cross Road, West Cornforth.	Less than 1.	Less than 1.	Class 1.
27/10/53	Council Offices, Sedgefield.	Less than 1.	Less than 1.	Class 1.
27/10/53	Sedgefield Road, Fishburn.	Less than 1.	Less than 1.	Class 1.
27/10/53	School Kitchen, Fishburn.	Less than 1.	Less than 1.	Class 1.
27/10/53	4, Shelley Terrace, Windlestone.	Less than 1.	Less than 1.	Class 1.
27/10/53	1, Parker Terrace, Ferryhill.	Less than 1.	Less than 1.	Class 1.
27/10/53	3, Front Street, Trimdon Village.	Less than 1.	Less than 1.	Class 1.
27/10/53	3, Commercial Street, Trimdon Colliery.	2	Less than 1.	Class 2.
27/10/53	Reservoir House, Ferryhill.	Less than 1.	Less than 1.	Class 1.
27/10/53	Mainsforth input, Ferryhill Reservoir.	Less than 1.	Less than 1.	Class 1.
27/10/53	Upland input, Ferryhill Reservoir.	1	Less than 1.	Class 1.
27/10/53	25, Stobb Cross Road, West Cornforth.	Less than 1.	Less than 1.	Class 2.
27/10/53	1, Linden Terrace, Chilton Lane.	Less than 1.	Less than 1.	Class 1.
27/10/53	21, Coronation Terrace, West Cornforth.	Less than 1.	Less than 1.	Class 1.
27/10/53	Low Farm, Bradbury.	Less than 1.	Less than 1.	Class 1.
3/11/53	Reservoir, Mainsforth input.	Less than 1.	—	Class 1.
3/11/53	Upland input, Ferryhill Reservoir.	Less than 1.	—	Class 1.
3/11/53	Reservoir House, Ferryhill.	Less than 1.	—	Class 1.

Date	Place of Sampling	Presumptive Coli. Per 100 ml.	Faecal Coli. Per 100 ml.	Laboratory Remarks
8/11/53	1, Parker Terrace, Ferryhill.	3	Less than 1.	Class 3.
3/11/53	21, Coronation Terrace, West Cornforth.	1	Less than 1.	Class 2.
3/11/53	25, Stobb Cross Road, West Cornforth.	Less than 1.	—	Class 1.
3/11/53	4, Shelley Terrace, Windlestone.	2	Less than 1.	Class 2.
3/11/53	3, Commercial Street, Trimdon Colliery.	Less than 1.	Less than 1.	Class 1.
3/11/53	1, Linden Terrace, Ferryhill.	Less than 1.	—	Class 1.
3/11/53	Low Farm, Bradbury.	Less than 1.	—	Class 1.
3/11/53	3, Front Street, Trimdon Village.	Less than 1.	—	Class 1.
3/11/53	School Kitchen, Fishburn.	Less than 1.	—	Class 1.
3/11/53	Sedgefield Terrace, Fishburn.	Less than 1.	—	Class 1.
3/11/53	Council Offices, Sedgefield.	1	Less than 1.	Class 2.
10/11/53	Sedgefield Road, Fishburn.	Less than 1.	—	Class 1.
10/11/53	Council Offices, Sedgefield.	1	Less than 1.	Class 2.
10/11/53	School Kitchen, Fishburn.	Less than 1.	—	Class 1.
10/11/53	3, Front Street, Trimdon Village.	1	Less than 1.	Class 1.
10/11/53	Low Farm, Bradbury.	Less than 1.	—	Class 1.
10/11/53	1, Linden Terrace, Chilton Lane.	Less than 1.	—	Class 1.
10/11/53	3, Commercial Street, Trimdon Colliery.	Less than 1.	—	Class 1.
10/11/53	4, Shelley Terrace, Windlestone.	Less than 1.	—	Class 1.
10/11/53	1, Parker Terrace, Ferryhill.	Less than 1.	—	Class 1.
10/11/53	25, Stobb Cross Road, West Cornforth.	1	Less than 1.	Class 2.
10/11/53	Reservoir House, Ferryhill.	1	Less than 1.	Class 2.
10/11/53	Mainsforth inlet, Ferryhill Reservoir.	Less than 1.	—	Class 1.
10/11/53	Upland inlet, Ferryhill Reservoir.	Less than 1.	—	Class 1.
10/11/53	21, Coronation Terrace, West Cornforth.	1	Less than 1.	Class 2.
1/12/53	3, Commercial Street, Trimdon Colliery.	Less than 1.	—	Class 1.
1/12/53	Central Kitchen, Fishburn.	Less than 1.	—	Class 1.

Date	Place of Sampling	Presumptive Coli. Per 100 ml.	Faecal Coli. Per 100 ml.	Laboratory Remarks
1/12/53	Council Offices, Sedgfield.	Less than 1.	—	Class 1.
1/12/53	Low Farm, Bradbury.	Less than 1.	—	Class 1.
1/12/53	Reservoir House, Ferryhill.	Less than 1.	—	Class 1.
1/12/53	Upland input, Ferryhill Reservoir.	1	0	Class 2.
15/12/53	Reservoir House, Ferryhill.	Less than 1.	—	Class 1.
15/12/53	Upland input, Reservoir.	Less than 1.	—	Class 1.
15/12/53	Low Farm, Bradbury.	Less than 1.	—	(None.)
15/12/53	School Kitchen, Fishburn.	Less than 1.	—	Class 1
15/12/53	Sedgfield Road, Fishburn.	Less than 1.	—	Class 1.
15/12/53	Council Offices, Sedgfield.	Less than 1.	—	Class 1.

Inspection and Supervision of Food.

In your district there are 206 shops, 52 public houses, 11 clubs, 4 bakehouses, 7 colliery canteens and 2 central school kitchens.

Details of the types of the food shops are given in the attached table:

Township.	Grocer and General Dealer.	Baker and Confectioner.	Butchers	Ice-Cream and Snack Bars.	Fish businesses	Green-grocery.
Bishop Middleham	4	—	1	—	—	—
Chilton ...	12	1	3	—	4	1
Cornforth ...	18	2	4	1	4	—
Ferryhill ...	51	8	12	1	11	—
Fishburn ...	10	—	2	1	3	1
Mordon ...	1	—	—	—	—	—
Sedgefield ...	8	3	3	1	4	—
Trimdon Colliery ...	6	—	1	—	2	1
Trimdon Grange ...	7	1	1	1	2	—
Trimdon Village ...	6	—	2	—	1	—
Total	123	15	29	5	31	3

107 of the above premises are of the house and shop type and there are 99 businesses run by the family without outside assistance.

Premises licenced under Section 14 of the Food and Drugs Act, 1938.

Under the above heading there are 31 premises licenced for the preparation and sale of preserved foods and 56 licenced for the sale of ice-cream. These are also included in the above-mentioned table.

During 1953, 573 visits were made to food shops in the district but particular attention was paid to those few shops where hot running water was not available.

Although it was not possible to obtain improvements in every case, steady progress is being made towards a higher standard of food shop in the area.

Simultaneously with these visits to the shops, detailed inspections of all public houses in the area were made. Although all the premises complied with the minimum legal standards it was felt that certain improvements were desirable in many of the establishments. Meetings were arranged with the representatives of the various owners and brewery companies and as a result many minor improvements were carried out immediately. Plans for major alterations such as the provision of new sanitary accommodation inside the building in lieu of external accommodation, were in many cases under preparation by the end of 1953 and some of these plans have subsequently been approved.

Towards the end of August 1953 the Mental Hospital at Winterton discontinued regular private slaughtering at their own slaughterhouse so at the end of the year there was no regular slaughtering carried out in the district.

The question of education of food handlers in food hygiene was given consideration and once again it was reluctantly decided that a series of organised lectures would meet with little support from the small staffs of widely scattered food shops. It was also felt that the mere issue of explanatory leaflets containing summaries of the law on the subject would not produce the desired effect so it was decided to produce an illustrated booklet on food hygiene for distribution to all food handlers. The issue of these to individual shops could be preceded by a short talk on hygiene to the staff concerned. Work on the booklet was commenced during the year but it was not finally completed until 1954.

Apart from inspection of the premises, food thought to be unfit for human consumption was inspected and as a result 208 certificates were issued against 123 stones 12lbs. of unsound food.

Owing to the close liaison which exists between the inspectors and the shopkeepers it was not necessary to seize any food during the year and all unsound foodstuffs were surrendered voluntarily.

Unsound tinned foods were disposed of by puncturing and burying them on refuse tips. Other foods were either burned, disposed of in the dustbin or in the case of controlled foods, returned through Ministry channels.

There are four ice-cream manufacturers in your district. All have pasteurising plants which conform with the Ice-cream (Heat Treatment etc.) Regulations, 1947 to 1952. In the earlier part of the year a few samples were below standard but the position soon improved and towards the end of the year all samples examined were Grade I.

The results of sampling of pre-packed ice-cream, manufactured outside the district were, with one exception, satisfactory. In the case of the unsatisfactory ice-cream the Sanitary Authority of the district concerned was informed.

FOOD POISONING OUTBREAKS.

Total number of outbreaks	...	...	Nil.
Number of cases	...	...	Nil
Number of deaths	...	...	Nil.
Organisms or other agents responsible with number of outbreaks attributable to each			Nil.
Foods involved, with number of outbreaks associated with each food.	...	...	Nil.

Milk Supplies.

Dairies registered under Milk and Dairies Regulations - 1949.

All milk consumed in the area is supplied in sealed containers from pasteurising plants situated outside of the district. There are therefore no premises registered as dairies by this authority.

The bulk of the milk used is obtained either from the Milk Marketing Board's plant at Langley Bridge, Durham, or from Co-operative Societies. Most of the milk consumed is either pasteurised or tuberculin tested, being delivered to the customer in sealed bottles.

There are 40 distributors registered with this authority for the sale of milk. The following table indicates the number of licences issued for the sale of designated milk for 1953.

Dealers' Licences authorising the use of the Special Designation 'Pasteurised' = 32,

Dealers' Licences authorising the use of the Special Designation 'Sterilised' = 16.

Dealers' Licences authorising the use of the Special Designation 'Tuberculin Tested' = 24.

Supplementary Licences authorising the use of the Special Designation 'Pasteurised' = 1.

Supplementary Licences authorising the use of the Special Designation 'Tuberculin Tested' = 2.

Supplementary Licences authorising the use of the Special Designation 'Sterilised' = 1.

Rodent Control.

The maintenance treatment of all sewers, sewage works and refuse tips in the Council's area, has been carried out according to Ministry instructions. Sewers which showed takes of test baits were given the full treatment equal to 2 ozs. per manhole.

Sewage works, which have shown a reduction in the size of infestations, have been given the usual treatments.

Refuse tips have shown a greatly increased size of infestations and therefore have had intermediate treatments.

The following is the summary of treatments of sewers, sewage works and refuse tips :-

Sewers.

The total number of manholes is 1767.

The total number of manholes test baited on each maintenance treatment 883.

Number of manholes treated 577.

Number of takes :			Poison taken :		
Complete	...	237	Complete	...	73
Partial	...	141	Partial	...	156
		<hr/>			<hr/>
Total		378	Total		229
Amount of poison bait taken, in ozs.			302.		
Estimated number of rats destroyed			755.		

Sewage Works.

Number of sewage works. 13.

Number of baiting points laid, per 1 oz. point is 657.

Number of bait takes,			Poison takes,		
Complete	...	458	Complete	...	204
Partial	...	109	Partial	...	68
		<hr/>			<hr/>
Total		567	Total		272
Amount of poison bait taken, in ozs.			238.		
Estimated number of rats destroyed			595.		

Refuse Tips.

Number of refuse tips. 6.

Number of baiting points laid. 645,

Number of bait takes,			Poison takes,		
Complete	...	542	Complete	...	207
Partial	...	55	Partial	...	54
		<hr/>			<hr/>
Total		597	Total		261
Amount of poison bait taken, in ozs.			234.		
Estimated number of rats destroyed			585.		

Other surface infestations, including business premises and dwellings.

Estimated number of rats destroyed. 245.

Amount of poison bait taken in ozs. 98.

Total amount of poison bait taken in ozs. and number of rats destroyed :-

	Poison bait taken.	Rats destroyed.
Sewers	302 ozs.	755
Sewage Works	238 "	595
Refuse Tips	234 "	585
Other Surface Infestations	98 "	245
		<hr/>
Totals	872 ozs.	2,180
		<hr/>

Factories Act, 1937.

Particulars on the administration of the Factories Act, 1937.
Part 1 of the Act.

Inspections for the purpose of provisions as to health.

Premises (1)	M/c line No. (2)	Number on Register (3)	Number of			M/c line No. (7)
			Inspect- ions (4)	Written Notices (5)	Occup'rs prosec'd (6)	
(i) Factories in which Sections 1, 2, 3, 4, and 6 are to be enforced by Local Authorities	1	12	20	—	—	1
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority ...	2	47	67	4	—	2
(iii) Other premises in which Section 7 is enforced by the Local Authority (excluding out-workers premises)	3	8	8	—	—	3
TOTAL ...		67	95	4	—	

Particulars (1)	M/c line No. (2)	Number of cases in which defects were found				No. of cases in which prosecutions were instituted (7)	M/c line No. (8)
		Found (3)	Remed- ied (4)	To H.M. In- spectors (5)	By H.M. In- spectors (6)		
Want of cleanliness (S.1.) ...	4	—	—	—	—	—	4
Overcrowding (S.2.)	5	—	—	—	—	—	5
Unreasonable temperature (S.3.)	6	—	—	—	—	—	6
Inadequate ventilation (S.4.) ...	7	—	—	—	—	—	7
Ineffective Drainage of floors (S.6.) ...	8	—	—	—	—	—	8
Sanitary Conveniences (S.7.) ...							
(a) Insufficient ...	9	2	2	—	—	—	9
(b) Unsuitable or defective ...	10	1	1	—	—	—	10
(c) Not separate for sexes ...	11	1	1	—	—	—	11
Other offences against the Act (not including offences relating to Out-work) ...	12	—	—	—	—	—	12
TOTAL ...		4	4	—	—	—	

M. W. RODGERS, Medical Officer of Health.

